Program Evaluation Report

New York's Clean Water State Revolving Fund Base Program Activities during FFY 2013

On Site Visit: 4/28/14 to 4/29/14

7/29/2014 US-EPA Prepared by the U.S. EPA Region 2 SRF Program Section





Table of Contents

I.	Introduction	3
II.	Program Background	3
III.	Scope of Review	4
IV.	Program Elements	5
Α.	. 2013 Intended Use Plan	5
В.	. 2013 Capitalization Grant	5
	1. Special Requirements	5
V.	Programmatic Observations	7
VI.	Sustainability and Climate Change Initiative	8
VII.	Financial Observations	9
VIII.	Financial Indicators	11
Α.	. Health of the Fund	11
В.	. CWSRF Financial Indicators	11
IX.	Project File Review	11
X.	Required Actions	12
XI.	Conclusion	12
XII.	Attachment A: Determining Transaction Testing Sample Size: NY CWSRF – Base Program	13
XIII.	Attachment B: CBR Data - FFY11 & FFY12 Base GPR & Additional Subsidization	15
XIV.	Attachment C: Compass Report for EPA Grant # CS-36000113	16

I. Introduction

The Clean Water State Revolving Fund (CWSRF) Base Program was established by the Clean Water Act (CWA) Amendments of 1987. The Clean Water State Revolving Fund (CWSRF) program provides capitalization grants to States and the Commonwealth of Puerto Rico to finance the costs of infrastructure projects needed to achieve or maintain compliance with CWA requirements. Each State has considerable flexibility in determining the design of its program and in directing funding towards its most pressing compliance and water quality needs; however, this flexibility must always be conducted within the CWA and the framework of underlying program requirements.

The U.S. Environmental Protection Agency (EPA) Region 2 oversight of the CWSRF programs assesses each State's performance and compliance with the statutes, regulations, operating agreement (OA), and the grant conditions governing CWSRF programs. The oversight is accomplished via a continuous process of review and evaluation of key program elements. The review process includes examination of project files, program elements and transaction testing during on-site reviews conducted at state offices. The review process also includes meetings and interviews with state program officials.

This Program Evaluation Report (PER) summarizes the results of Region 2's Federal Fiscal Year (FFY) 2014 on-site project file review, conducted on April 28 and April 29, 2014, and transaction testing on May 12 and May 13, 204. The review evaluated New York's Base CWSRF program activities during FFY 2013.

II. Program Background

The New York State Environmental Facilities Corporation (NYSEFC) has administered the CWSRF Base Program on behalf of the grantee, the New York State Department of Environmental Conservation (NYSDEC), since the program's inception in 1990. The Federal and State funds are leveraged, which enables the State to provide assistance to more projects. Since 1994, New York State (NYS) has offered its CWSRF loan recipients the opportunity to finance planning, design and early construction costs through a short term financing program, which generally converts to a thirty¹ (30) year traditional long term financing program when construction is completed. As loans are repaid, money becomes available to be used again for new loans.

The Base CWSRF program requires the State to provide a 20% match of the Federal capitalization grant amount. The Federal and State funds are leveraged, which enables the State to provide assistance to more projects. Leveraging has proved to be a powerful tool for NYS, resulting in funds disbursed for project assistance totaling 329% (\$13,595,188,660) of the cumulative Federal capitalization grant amounts (\$4,129,017,150 which includes ARRA funds) as of June 30, 2013. The needs of NYS's clean water systems eclipse those of most other states. In EPA's 2008 Clean Water Survey and Assessment² Report to Congress, it was estimated that \$35.4 billion will be needed in NYS to meet the water quality and water-related public goals of the CWA. The needs of NYS are so great that even with available capital being leveraged, a significant disparity exists between the projects needing funding to those actually funded. Since the inception of the CWSRF Base Program in 1990, through June 30, 2013, the NYS has executed \$13.6 billion in financial assistance to eligible assistance, the most of any SRF program in the nation.

¹ EPA letter dated February 9, 2001 to NYSEFC documents approval of extending finance from a twenty (20) year to a thirty (30) year loan repayment.

² EPA's Office of Wastewater Management, in partnership with states, territories and the District of Columbia, conducts the Clean Watersheds Needs Survey (CWNS) every four years. The CWNS is conducted in response to Sections 205(a) and 516 of the Clean Water Act. The data from the CWNS 2012 Report to Congress is not yet available.

III. Scope of Review

EPA Region 2 staff members and Representatives from the NYSEFC participated in the onsite review on April 28 and 29, 2014. Transaction testing was conducted by Northbridge Environmental Management Consultants on May 12 and 13, 2014.

U.S. EPA Region 2 -	NYSEFC Interviewed	
Stephen Vida, P.E., State Revolving Fund Program Section Chief	 Conducted entrance/exit conference assisted with on-site review preparation 	 Sandra Allen, Director, Policy and Planning Tracey Hitchen Boyd, Deputy Director, Finance
Jane Leu, CWSRF Coordinator	 Conducted project file review Conducted programmatic review Oversight of contractor transaction testing work 	 David S. Bradley, P.E., Deputy Director, Division of Engineering and Program Management, Timothy P. Burns, P.E., Director,
Pam Walsh, Northbridge Environmental Consultants, lead consultant	Transaction testing	 Division of Engineering and Program Management Kathryn Macri, Corporate Sustainability Officer

The PER covers the following reporting and documentation time periods:

Personting Vest/Destroyet	Revie	w Period
Reporting Year/Document	Start Date	End Date
Federal Fiscal Year 2013	October 1, 2012	September 30, 2013
State Fiscal Year 2012/2013	April 1, 2012	March 30, 2013
NIMS Reporting Year 2013	July 1, 2012	June 30, 2013
Annual Report FFY 2013	October 1, 2012	September 30, 2013
Final Intended Use Plan FFY 2013	October 1, 2012	September 30, 2013

Programmatic Review Process	Document Reviewed
During the weeks preceding the on-site review, Region 2 staff	• Intended Use Plan, FFY 2013
reviewed supporting documentation and partially completed the	Program Evaluation Report, FFY 2012
programmatic and project file review checklists. During the on-	Annual Report, FFY 2013
site review, Region 2 staff examined two (2) base program project	CWSRF NIMS
files and completed the project file review checklists. Interviews	CBR Database Reports
were conducted with state staff and the programmatic review	COMPASS Reports
checklist was partially completed. After the on-site review a list of	Audit Reports
follow up items was sent to state staff and answers were provided	NYS SERP Documentation
by NYSEFC to USEPA Region 2 within one week.	State Project Files

IV. Program Elements

A. 2013 Intended Use Plan

The Intended Use Plan (IUP) is an annual utilization plan which describes goals, funding policies, and management of the CWSRF program. The NY CWSRF IUP includes the following:

- describes long and short-term goals,
- program highlights and initiatives/activities to be supported,
- project listing for CWSRF financing,
- financing programs,
- applications process fees and disbursements process,
- project scoring and selection,
- sources and distribution of funds and program administration costs,
- public review and comment process.

The IUP also lists projects on a prioritized basis for both the current year and for multiple years. The final Intended Use Plan (IUP) for FFY 2013, Amendment 2, was issued in December 2013.

B. 2013 Capitalization Grant

The FFY 2013 capitalization grant for the CWSRF program in NYS was awarded on September 16, 2013 to the NYSDEC and is jointly administered with NYSEFC. A state receiving a CWSRF Base program grant is required to contribute a 20% match using state funds.

FFY	Federal Cap. Grant	20% State Match	Funding for Projects	Funding for Admin.	Total Funding
2013	\$147,369,000	\$29,473,800	\$170,948,040	\$5,894,760	\$176,842,800

Source	2013 Project Funding	2013 Admin Funding	2013 Total Funding
Federal:	\$141,474,240	\$5,894,760	\$147,369,000
State:	\$29,473,800	\$0	\$29,473,800
Total:	\$170,948,040 (96%)	\$5,894,760 (4%)	\$176,842,800 (100%)

1. Special Requirements

Some of the special requirements introduced with the ARRA capitalization grants became requirements in the base program. Overall status of NYSEFC meeting the special requirements are as follows:

- NYSEFC met its Green Project Reserve Requirements for FFY 2010 to FFY 2012. FFY 2011
 to FFY 2012 GPR requirements were met through its fourth and fifth rounds of Green
 Infrastructure (GI) projects and through a \$30 million GI project from Onondaga County;
- NYSEFC met its Additional Subsidization Requirements for FFY 2010 to FFY 2012. NYSEFC
 is in the process of meeting its FFY 2013 requirement through its fourth and fifth rounds
 of GI projects;
- NYSEFC meets Davis-Bacon requirement annually.

Elements Green Project Reserve (GPR) Requirement: Projects needed to be documented as being consistent with the intent of GPR. GPR projects were classified as: Green Infrastructure, Energy Efficiency, Water Efficiency, and/or Environmentally Innovative Technology. Business cases for energy efficiency projects had to demonstrate a 20% saving in annual operating costs. NYSEFC maintains a GPR website, http://www.nysefc.org/Default.aspx?tabid=461, and continues to update their lists of awarded Green Innovation Grant Program (GIGP) projects and announcements of next round of GIGP projects.

NYSEFC met its GPR requirements for FFY 2010 to FFY 2012. NYSEFC closed on a financing on July 2, 2014 that allowed NYSEFC to meet the FFY 2011 and FFY 2012 GPR requirements, consisting of its fourth and fifth rounds of Green Infrastructure (GI) projects and a \$30 million GI project from Onondaga County. NYSEFC is in the process of meeting its FFY 2013 requirement

EPA Comments

Green Project Reserve Requirement								
FFY	Federal Cap. Grant	Req'd %	Required \$	Status	Actual %	Actual \$ ³	# of Projects	
FY10	\$224,898,000	20%	\$44,979,600	Met Req'd	25%	\$56,261,320	46	
FY11	\$162,993,000	20%	\$32,598,600	Met Req'd	20%	\$32,600,371	30	
FY12	\$156,001,000	10%	\$15,600,100	Met Req'd	10.4%	\$16,293,738	15	
FY13	\$147,369,000	10%	\$14,736,900	Ongoing	6.02%	\$8,873,103	11	

Elements	EPA Comments
Additional Subsidization Requirement: Requirement is to provide project funding in the form of additional subsidization whereby the states can offer negative interest rate loans, principal forgiveness, and grants. There is a required minimum as well as a maximum of the awarded funds expected are to be expended as additional	NYSEFC met its additional subsidization requirements for FFY 2010 to FFY 2012 through its fourth (FFY 2012) and fifth (FFY 2013) rounds of Green Infrastructure projects. NYSEFC is in the process of meeting its FFY 2013 requirement. All FFY 2013 additional subsidization funds to date were used to fund Green Infrastructure projects.
subsidization.	

	Additional Subsidization Requirement									
FFY	Federal Cap.	Required \$	Required \$	Status	Grants	Prin.	Actual \$ ³	# of		
FFI	Grant	Min	Max	Status	Grants	Forgiveness	Actual 5	Projects		
FY10	\$224,898,000	\$33,682,584	\$112,275,279	Met Req'd	\$22,547,533	\$88,520,440	\$111,067,973	73		
FY11	\$162,993,000	\$15,103,893	\$50,346,311	Met Req'd	\$50,346,311	\$0	\$50,346,311	44		
FY12	\$156,001,000	\$8,669,970	\$13,004,955	Met Req'd	\$9,593,738	\$0	\$9,593,738	14		
FY13	\$147,369,000	\$6,941,709	\$10,412,564	Ongoing	\$4,359,235	\$0	\$4,359,235	8		

Elements	EPA Comments
Davis-Bacon (DB) Requirement: All projects are required to meet the DB requirements which consist of construction contract documents incorporating EPA DB language and the appropriate Federal wage rate. NYSEFC has prepared an SRF Bid Packet for easy use by assistance recipients to meet this requirement. The NYSEFC's inspection checklist includes verifying that assistance recipients are meeting ongoing DB reporting requirements; i.e., certifications of weekly review of payroll records and weekly wage rate interviews.	NYSEFC complies with DB requirement. NYSEFC continually verifies that construction contract documents includes the EPA DB language and the appropriate Federal wage rate.

³ Source: Clean Water Benefits Reporting System, June 4, 2014. These are not final numbers.

V. Programmatic Observations

Overall, NYSEFC is meeting all the CWSRF Programmatic requirements as discussed below:

Elements	EPA Comments
Operating Agreement: The Operating Agreement (OA) serves as a contract between EPA and NYS for the operation of the CWSRF program.	Region 2 expects to work with NYSEFC during FFY 2015 to update the Operating Agreement to incorporate the FFY 2014 amendment to the Clean Water Act.
Annual Report: As per 40 CFR 35.3165, "Reports and Audits," a State must agree to complete and submit an Annual Report that describes how it has met the goals and objectives of the previous fiscal year as stated in the IUPs and capitalization grant agreement.	NYSEFC submitted its FFY 2013 Annual Report on February 11, 2014. The submission date was agreed upon based on the additional work NYSEFC was doing to meet the new Hurricane Sandy funding program requirement. The Report continues to be of high quality. The FFY 2013 Annual Report covers all program goals, objectives and addresses the GPR and Additional Subsidization requirement status.
Funding Eligibility: NYSEFC reviewed all projects during the application process in order to ensure only eligible projects would be funded and reviewed all reimbursement claims to ensure eligibility of the claimed costs.	The two projects that were reviewed by EPA were eligible for funding. The \$3.5 million in payment requests that were reviewed had only eligible costs. There were no improper payments.
Clean Water Benefits Reporting (CBR): As part of the requirements introduced in FFY 2010, all projects funded under the FFY 2013 Program are to be included in the CBR system.	NYSEFC consistently enters its CBR data both timely and accurately.
Staff Capacity: NYSEFC instituted revised work flow procedures that maintained the effective operation of the SRF program. In FFY 2012 NYSEFC added new staff to its ranks in support of the SRF program.	NYSEFC continuously monitors work flow and the sufficiency of staffing levels to adequately support the CWSRF program.
Environmental Review Requirements: NYSDEC/NYSEFC maintains compliance with Environmental Review Requirements with a comprehensive Environmental Review process. Projects funded under the CWSRF program are subject to a NEPA-like review. These reviews are conducted using the State Environmental Review Process (SERP). NYS utilizes the State Environmental Quality Review (SEQR) process.	The two projects that were reviewed contained documentation that demonstrated the SERP process is followed.
Federal Cross-Cutters Authorities: Compliance with Federal Cross-Cutters is closely linked with the SERP. The full Environmental Assessment Form (EAF) form includes an evaluation of the Federal Cross-Cutters which is used by the "Lead Agency" to determine applicability and compliance. Letters are collected as required from involved New York State and Federal agencies.	The cross cutter requirements are met by New York City Department of Environmental Protection's projects.
Disadvantaged Business Enterprise (DBE) Requirements: Administrative conditions of the Award includes requirement for NYS to comply with 40 CFR, Section 33.301. The condition requires NYS to comply with "six good faith efforts" whenever procuring construction equipment, services and supplies under a NYSDEC financial assistance agreement, and to monitor that subrecipients, loan recipients and prime contractors also comply.	NYS bid documents include DBE requirements. The bid documents provide DBE forms 6100-2, 3 and 4. The two projects that were reviewed showed that NYSEFC complies with DBE requirements.

VI. Sustainability and Climate Change Initiative

Overall, NYSEFC is meeting or exceeding efforts in implementing the Sustainability and Climate Change Initiative as discussed below:

Elements	EPA Comments
Sustainability: NYSEFC is implementing the following:	NYSEFC puts forth commendable
Financings are subject to the Smart Growth Public Infrastructure Policy	efforts in implementing sustainable
Act. Each project is reviewed to determine whether it includes the	infrastructure practices in the CWSRF
construction of new or expanded public infrastructure consistent with	program.
the smart growth criteria set forth in the Act to the extent practicable.	
Developed Smart Growth Guidance for use by applicants, and each	
applicant must submit a Smart Growth Assessment for all projects when	
submitting an engineering report. As part of these smart growth	
reviews, projects are evaluated to determine if green infrastructure and	
energy efficiency alternatives were considered or could be incorporated.	
Provides information to potential applicants regarding EPA training	
opportunities when the information is available.	
Work with NYSDEC to develop a pilot program to encourage asset	
management.	
Help low-income communities develop projects and determine realistic	
financing plans.	
New York State Climate Change Initiatives:	NYSEFC is commended in their
State executive order No. 24 set a goal to reduce New York State's	continuous effort in addressing the
greenhouse gas emissions to 80% of 1990 levels by 2050.	state Climate Change goals.
Created the New York Climate Action Council (CAC). The CAC with	
assistance from NYSERDA and NYSDEC issued the New York State Climate	
Action Plan Interim Report on November 9, 2010. This report outlines	
climate change and adaptation practices that need to be incorporated in	
all sectors to reach the 2050 50% reduction goal.	
Storm Loan Mitigation Program (SLMP): Hurricane Sandy and the	NYSEFC is on schedule to meet the
accompanying Disaster Relief Appropriations Act (DRAA) of 2013,	grant award deadline of September
necessitated the implementation of New York State's Storm Mitigation Loan	30, 2014.
Program (SMLP). New York State's implementation of the SMLP is based on	
the EPA memo titled "Award of Capitalization Grants with Funds	
Appropriated by P.L. 113-2, 'The Disaster Relief Appropriations Act, 2013",	
issued on May 1, 2013. The guidance for the implementation of the SMLP is	
included in the Final Amendment No. 2 for the CWSRF FFY 2013 IUP. The	
SMLP provides financing to reduce flood damage risk and vulnerability or to	
enhance resiliency to rapid hydrologic change or a natural disaster at	
treatment works.	

VII. Financial Observations

Overall, NYSEFC is meeting or exceeding their financial obligations under the CWSRF program as discussed below:

Elements	EPA Comments
Binding Commitments: Cumulative binding commitments are greater than	NYS complies with binding commitment
cumulative grant payments and state match. Projects that receive loan	requirements.
agreements typically start construction within a year.	
Assistance Terms: Interest rates are below market rate and as low as 0%. Principal repayments start within one year of project completion or two	Terms of assistance are in compliance
years after the execution of the assistance agreement and proceed	with SRF program requirements.
according to the amortization schedules provided. Federal funds are repaid	
within 30 years. NYSEFC has an additional subsidization program in place	
and thus far has provided \$6,643,258 of the FFY 2012 funds. The assistance	
was provided in the form of grants.	
Use of Fees: Assistance recipients pay administration fees and	Fees are used in accordance with
maintenance fees on the loans. There are no fees for short term interest	program requirements with funds being
free loans or hardship loans. Once the short-term financing is converted to	used for administrative purposes.
a thirty (30) year leveraged financing, the recipient is charged a one-time	
direct expense fee of 1.0% of total project costs as well as an annual	
administration fee of 0.25% of the outstanding principal balance. Fees are	
not applied to hardship financings.	
Assessment of Financial Capability and Loan Security: All assistance	NYSEFC complies with the requirements
recipients confirm their ability to levy taxes and/or collect revenues	of this program element.
sufficient to provide a dedicated source of revenue for repayment. NYSEFC	
required all recipients to a pre-construction schedule as a condition of their	
financing agreements; and provide weekly reports of the status of their pre-	
construction schedule.	
Independent Audit Requirements: Audits are conducted each year. The	The audit report to date has annually
annual audits examine the program's finances in great detail. The latest	confirms the CWSRF program's financial
audit report was issued on June 26, 2014, covering State Fiscal Year ending	elements conform to Generally Accepted
March 31, 2014. No deficiencies were identified in the report.	Accounting Procedures (GAAP).
Single Audit Act Requirements: Assistance recipients that expend	NYSEFC complies with this requirement.
\$500,000 or more of Federal funds in a fiscal year are required to have a	The New York City Department of
Single Audit Act (SAA) audit conducted. NYSEFC reviews these reports.	Environmental Protection (NYCDEP)
Additionally, a SAA audit is conducted on the State of New York. SAA Audit	satisfies the SAA requirement for the
Reports can be found at http://harvester.census.gov/sac/ .	CWSRF program.
State Match: The state is required to contribute a 20% match of the grant	NYSEFC fully complies with the
amount. For FFY 2013, the CWSRF grant was \$147,369,000. NYS	requirements of this program element.
contributed \$29,473,800, of State Match from State appropriations.	
The Federal Funding Accountability and Transparency Act (FFATA), Public	NYSEFC is up to date with FFATA
Law 109-282: FFATA requires non-ARRA recipients of federal dollars to	reporting.
report recipient and subrecipient information into the FFATA Subaward	
Reporting System (FSRS) at www.fsrs.gov, for any amount equaling \$25,000	
or greater, starting FFY 2011. NYSEFC completed FFATA reporting for FFY 2011 and FFY 2012, and at the time of this writing indicated that the FFY	
2011 and FFY 2012, and at the time of this writing indicated that the FFY	
2011 and FFY 2012, and at the time of this writing indicated that the FFY 2013 reporting is near completion.	NYSEEC is commended for their cash-flow
2011 and FFY 2012, and at the time of this writing indicated that the FFY 2013 reporting is near completion. Timely and Expeditious Use of Funds: New York State uses funds in a	NYSEFC is commended for their cash-flow
2011 and FFY 2012, and at the time of this writing indicated that the FFY 2013 reporting is near completion. Timely and Expeditious Use of Funds: New York State uses funds in a timely and expeditious manner. NYS's FFY 2013 outlay as a percent of	management approach that resulted in a
2011 and FFY 2012, and at the time of this writing indicated that the FFY 2013 reporting is near completion. Timely and Expeditious Use of Funds: New York State uses funds in a	

Elements		EPA Comments
Transaction Testing: The methodology being applied by OK		No improper
CWSRF program in NY, which has very large numbers of indi		payments were found
within the four FFY 2013 cash draws. As agreed upon by OI		during the review.
selected to review based upon a statistical method (see Atta statistical analysis was that 25 NY-CWSRF-Base program disl \$3,018,042.43 were tested (see table below). NYS disburses recipient and subsequently reimburses itself via cash draws testing took place May 12 - 13, 2014.	oursement totaling sits funds to the assistance	NYS correctly adheres to the "Rules of Cash Draw."
Cash Draws: NYSEFC and NYSDEC jointly maintain control or reviewing and collecting all invoices. Requests for draws are completes final reviews and sends the request to the state cofficial request for the grant draw from the treasury. A detachas confirmed the State's use of federal funds for eligible prepurposes.	e submitted to NYSDEC. NYSDEC comptroller who makes the liled review of cash transactions	The State meets the proportionally requirement of the SRF program.
Proportionality: State match funds are from State appropri are kept outside of the CWSRF program until requested from funds all program disbursements with recycled money first,	n the State Treasury. New York and then batches these	

disbursements and makes cash draws only a few times per year at the 83 1/3% Federal,

16 2/3% State proportional ratio.

NY-CWSRF-BASE Improper Payment – May 28 to 29, 2014 On-site Review

Project Name	Project Number	Disbursement Date	Outlay Date	Invoice Total	Amount Paid	Improper Payment
Town of Amenia	C3-5311-02-00	5/2/2013	9/23/2013	\$8,199.28	\$8,199.28	No
Village of Belmont	C9-6659-01-00	3/7/2013	9/23/2013	\$124,646.10	\$124,646.10	No
City of Oswego	C7-6344-19-03	4/25/2013	9/23/2013	\$30,115.00	\$30,115.00	No
Town of Windham	C4-H15	6/28/2012	2/26/2013	\$17,425.58	\$17,425.58	No
Village of Granville	C5-H04	5/3/2012	2/26/2013	\$160,370.22	\$160,370.22	No
Cayuga County Water and Sewer Authority	C7-6235-04-00	3/29/2012	2/26/2013	\$16,581.06	\$16,581.06	No
Cayuga County Water and Sewer Authority	C7-6235-04-00	4/26/2012	2/26/2013	\$30,605.13	\$30,605.13	No
Town of Pamelia	C6-6092-01-00	5/24/2012	2/26/2013	\$7,124.03	\$7,124.03	No
Town of Aurelius	C7-6239-02-00	11/29/2012	2/26/2013	\$5,000.00	\$5,000.00	No
Village of Schuylerville	C5-5592-01-00	10/25/2012	2/26/2013	\$53,398.88	\$53,398.88	No
City of Oswego	C7-6344-17-00	4/26/2012	2/26/2013	\$129,878.49	\$129,878.49	No
Rockland County	C3-5368-27-00	9/13/2012	2/26/2013	\$243,786.00	\$243,786.00	No
Town of Amenia	C3-5311-02-00	10/4/2012	2/26/2013	\$107,124.53	\$107,124.53	No
Town of Southeast	C3-5340-06-70	4/5/2012	2/26/2013	\$49,798.56	\$49,798.56	No
Village of Dannemora	C5-5509-02-00	4/19/2012	2/26/2013	\$455,162.25	\$455,162.25	No
Town of Tonawanda	C9-6673-01-00	5/31/2012	2/26/2013	\$247,337.16	\$247,337.16	No
Westchester County	C3-7354-15-00	9/13/2012	2/26/2013	\$206,671.14	\$206,671.14	No
Town of North Salem	C3-5314-01-00	9/27/2012	2/26/2013	\$206,908.25	\$206,908.25	No
Town of Hastings	C7-6352-05-00	11/15/2012	2/26/2013	\$140,843.83	\$140,843.83	No
City of Oswego	C7-6344-19-02	2/14/2013	3/20/2013	\$900.00	\$900.00	No
Village of Stillwater	C5-5558-03-00	1/3/2013	3/20/2013	\$317,903.01	\$317,903.01	No
Village of Albion	C8-6429-03-00	1/17/2013	3/20/2013	\$273,184.05	\$273,184.05	No
Town of Amenia	C3-5311-02-00	2/28/2013	3/20/2013	\$121,831.13	\$121,831.13	No
Rockland County	C3-5368-26-70	1/31/2013	3/20/2013	\$1,000.00	\$1,000.00	No
Rockland County	C3-5368-26-70	1/10/2013	3/20/2013	\$62,248.75	\$62,248.75	No
				60 040 040 40	60 040 040 40	

\$3,018,042.43 \$3,018,042.43

VIII. Financial Indicators

A. Health of the Fund

Financial indicators serve to measure the sustainability and perpetuity of the CWSRF program. These indicators show that NYSEFC is effectively managing the CWSRF program and are working to establish a fund that is sustainable and in good health. As of the time of this report New York has had no defaults and all borrowing entities have been evaluated for their financial solvency in accepting CWSRF financing.

As of June 30, 2013, New York's CWSRF program has executed a cumulative \$13,595,188,660 in loans to finance clean water projects. NYSEFC maintains adequate controls over the loan execution and collections process as evidenced by our review and by the independent auditor, KPMG, and by Moody's Investors Service.

B. CWSRF Financial Indicators

Financial indicators serve to gauge the effectiveness of NYSEFC's management of the CWSRF program. Overall, NYSEF is meeting or ahead of national average:

New York CWSRF Financial Indicators⁴										
Indicator	2011	2012	2013	2013 National Average						
Program Pace (Assistance as a % of Available Funds)	98%	95%	95%	97%						
Return on Federal Investment	335%	325%	318%	255%						
Disbursements as a % of Assistance	94%	94%	96%	88%						

IX. Project File Review

For SRF-Base Program oversight reviews conducted during FFY 2014, the Regions are required to conduct one (1) onsite review. During this review, two (2) Base program project files are to be reviewed. The onsite project file review was conducted on April 28 and April 29, 2014. The following table contains project information for the two (2) projects that were examined during this onsite review:

Project Name	Project Number	Project Number Total SRF Assistance		GPR Amount
Capital District Community Gardens	C4-9232-01-00 2012 GIGP	\$196,347	\$196,347	\$196,347
NYCMWFA-Newton Creek WPCP	C2-5209-43-03	\$15,098,832	\$0	\$0

• Capital District Community Gardens (CDCG): GIGP funds were used to implement a green roof, porous pavement, bioretention and rainwater harvesting and reuse at the CDCG new Urban Grow

⁴ National Information Management System (NIMS), June 30, 2013.

Center in Troy. The project enabled its use of agriculture to address the universal need for healthy food as a tool for improving the economic, physical and social well-being of the Capital Region.

New York City Municipal Water Finance Authority (NYCMWFA) Newton Creek Water Pollution
Control Plant (WPCP): Upgrade to the Newtown Creek Secondary Treatment Plant: Central Residuals
Building Foundation.

NYSEFC exhibited good file management and organization. EPA Region 2 acknowledges the work and effort expended on the part of NYSEFC and NYSDEC to present their project files in a way that is conducive to an effective project file review process. Both projects complied with all programmatic, financial and technical requirements. No deficiencies were identified in the two project files examined.

X. Required Actions

- Continue funding GPR projects to meet the GPR requirement.
- Continue funding Additional Subsidization projects to meet the Additional Subsidization requirement.
- Work with EPA Region 2 to update the Operating Agreement during FFY 2015 to incorporate the FFY 2014 amendment to the Clean Water Act.

XI. Conclusion

Based on the documents that were reviewed, NYS is committed to ensuring the financial stability of its CWSRF Base program. Program personnel, from both the NYSDEC and the NYSEFC, are focused on protecting water quality by implementing the CWSRF program in an effective manner. NY-CWSRF program is in sound health, well managed, and responsive to new initiatives. EPA appreciates both the NYSDEC's and NYSEFC's collaborative effort, working with EPA as partners. We commend NYS for the continued operation of a very successful CWSRF program.

XII. Attachment A: Determining Transaction Testing Sample Size: NY CWSRF - Base Program

Determining Transaction Testing Sample Size: New York

As a result of a high rate of improper payments in the SRF programs last year, OMB and OCFO are requiring an additional number of cash draws undergo transaction testing in each state as part of the EPA Regions' annual reviews. The methodology being applied by OMB cannot be applied to the CW and DW programs in New York, which has very large numbers of individual disbursements within a very low number of cash draws per program. Originally, combining those draws selected by OCFO for review as well as the draws that the region is required to select resulted in a sample of eleven cash draws broken down as follows:

- 2 NY-CWSRF-ARRA draws;
- 4 NY-CWSRF-Base draws;
- 2 NY-DWSRF-ARRA draws; and
- 3 NY-DWSRF-Base draws (Only three draws made in FY13).

Totaling the dollar amount associated with these reflects \$614 million in associated cash draws with more than 770 associated vouchers/invoices for review. As noted above, this sample also includes all three cash draws for the Drinking Water program for FY13 as well as the majority of the cash draws for the Clean Water program. Review of all of these named would require an examination of nearly all transactions for New York's SRF program during the past fiscal year. Because of this, statistical sampling of New York's disbursements is needed, as the selections thus far do not represent any kind of sample within the total population of transactions made.

For transaction testing conducted in July 2013 on FY12 cash draws (the prior review period), a statistical sampling method was applied to New York's SRF program transaction testing for similar reasons, which was based on the national sampling method used by OMB. This year, a similar method will be used to select FY13 disbursements for transaction testing. The national sampling method used to determine the appropriate number of cash draws for each state was based on guidelines from OMB Circular A -123. It is based on a 90% confidence interval with a margin of 2.5% around the estimated national rate of improper payments and suggests a formula to approximate the sample size. This formula assumes that the total number of transactions is very large and follows a normal distribution. Because the total number of transactions is not considered in sample size calculations, applying this approach to New York yields the same number of disbursements to be reviewed in New York as it recommends be reviewed on a national scale.

A similar but more appropriate tactic in this instance would be to approach the problem of sample size determination as statistical "hypothesis testing." This common method of determining a statistical sample is often applied to test dichotomous variables, such as prevalence of particular disease in a population. It is applicable because it is used in cases where the variable being tested reflects a yes/no answer rather than a specific value, such as a dollar amount or quantity. For the SRF programs, hypothesis testing would be applied to determine the prevalence of erroneous payments. Sample size is calculated from the expected occurrence of improper payments within the population (5%) and the desired "power" of the hypothesis test, which is 90% based on the confidence level being used by OMB. This means that it uses the same confidence and expected rate as OMB's method, but makes no assumption about the size of the total population.

Using the hypothesis testing method, both NY SRF programs can be considered as one population. Both are operated by NYEFC and disbursements are processed in the same way, so there should be no difference in the populations in terms of frequency of erroneous payments. Based on this, examination of 44 disbursements in New York would determine the rate of improper payments with a 90% confidence level. The 44 reviewed disbursements would be proportionately split across both programs based on the dollar value of the selected draws for each side: 26 disbursements for the CW program and 18 for the DW program. Similarly, within each program, a mixture of OCFO and regionally selected draws were chosen proportionally based on the dollar amount of OCFO and regionally selected draws in the initial list of selections. The disbursements selected both ARRA and base program cash draws. Based on this, the disbursements selected were broken down as follows:

CW OCFO	20
CW Region	6
Total CW	26
DW OCFO	13
DW Region	5
Total DW	18
Total Both Programs	44

Examining more than 700 disbursements in one state would be costly and inefficient, especially when compared to the number of transactions reviewed in other states around the country. This would be a disproportionate imposition on the State of New York relative to other states, particularly given the historically low frequency of improper payments in New York. This sampling method applied within the selected draws establishes a more reasonable number of transactions for review and reflects an actual testing within their total volume of cash draws rather than a review of virtually the entire program.

Random selection of the 44 disbursements to review for each program in New York would reflect the larger goal of conducting transaction testing on a statistically significant number of draws or, in this unusual case, disbursements, without putting undue strain on the resources available for conducting transaction testing.

XIII. Attachment B: CBR Data - FFY11 & FFY12 Base GPR & Additional Subsidization

FFY11 Base GPR & Additional Subsidization

Tracking Number	Recipient	Initial Loan Date	Total Assistance Amount	Grant Amount	Negative Interest Amount	Principal Forgiveness Amount	Recipient Could Afford Project without Subsidy?	Population Served	GPR Amount
5162-05-00	Babylon, Town of	1/8/2013	810,000	810.000	0	0		0	810.000
5271-02-00	NYC Department of Parks & Recreation	11/16/2012	1,125,000	1,125,000	ŏ	ō	H	0	1,125,000
5323-01-00	Woodridge, Village of	7/28/2011	7.622.198	2,000,000	0	0		902	0
5362-18-01	Westchester County	9/2/2010	50,000,000	2,000,000	0	0	H	71.600	7.814.801
5368-15-02	Rockland County	7/2/2009	28,290,003	0	o	0		4,610	277,753
5378-03-00	Thompson. Town of	12/13/2012	488.000	366.000	0	0	H	200	0
5443-03-00	Canajoharie, Village of	9/26/2013	1,750,000	750,000	0	0		2,229	1,002,537
5453-01-00	Chatham, Village of	9/29/2011	1,937,263	730,000		0	H	1.758	300.000
5512-04-00		6/6/2013		1.012.006	0	0	H		
5580-01-00	Lake Placid, Village of	7/24/2013	1,012,006		0	0		0	1,012,006
	Lake George, Town of		544,500	513,215	_	-		_	513,215
5585-01-00	St. Armand, Town of	9/19/2013	4,790,295	2,000,000	0	0		550	0
6005-02-00	Clayton, Town of	9/12/2013	4,843,000	2,000,000	0	0		1,700	0
6010-02-00	Alexandria Bay, Village of	9/26/2013	1,920,000	1,440,000	0	0		1,078	0
6037-10-00	Rome, City of	8/22/2012	459,000	459,000	0	0		0	459,000
6050-01-00	Wolcott, Village of	9/12/2013	3,295,100	2,000,000	0	0		1,701	0
6058-04-00	Gouverneur, Village of	9/4/2012	1,995,000	1,995,000	0	0		0	1,995,000
6062-02-01	Heuvelton, Village of	7/25/2013	2,775,000	2,000,000	0	0		825	0
6074-01-00	Castorland, Village of	9/12/2013	1,706,000	1,230,750	0	0		309	0
6076-08-00	Utica, City of	8/9/2012	1,030,000	1,030,000	0	0		0	1,030,000
6095-04-00	Leray, Town of	9/12/2013	4,000,000	2,000,000	0	0		292	5,280
6099-01-00	Clifton, Town of	9/26/2013	2,667,000	2,000,000	0	0		590	0
6100-01-00	Kirkland, Town of	6/27/2013	5,385,879	2,000,000	0	0		2,200	0
6206-01-01	Whitney Point, Village of	8/5/2010	725,415	520,281	0	0		1,054	0
6238-03-00	Cayuga, Village of	7/19/2012	3,398,839	820,152	0	0		549	0
6313-04-00	East Syracuse, Village of	8/15/2012	279,000	279,000	0	0		0	279,000
6320-24-00	Onondaga County	9/14/2012	472,000	472,000	0	0		467,026	472,000
6320-26-00	Onondaga County	7/2/2014	12,844,208	0	0	0	Ī	467,026	3,200,000
6353-03-00	West Monroe, Town of	9/26/2013	9,650,000	2,000,000	0	0		1,024	0
6358-01-00	Woodhull, Town of	9/5/2013	3,271,721	2,000,000	0	0		1,719	0
6361-04-00	Owego, Village of	9/27/2012	4,703,656	233,591	0	0		3,896	0
6393-04-00	Salina, Town of	7/11/2013	5,530,000	2,000,000	0	0		0	0
6402-05-00	Penn Yan, Village of	5/10/2012	4,000,000	985,537	0	0		5,219	0
6434-12-00	Canandaigua, City of	9/12/2012	385,000	385,000	0	0		0	385,000
6445-03-00	Rochester, City of	9/27/2013	198,000	198,000	0	0		210,565	198,000
6450-03-00	Dansville, Village of	2/28/2013	12,850,000	2,000,000	0	0		4,719	0
6505-06-00	Brighton, Town of	9/25/2012	1,565,000	1,565,000	0	0		36,609	1,565,000
6675-02-00	North Tonawanda, City of	8/28/2012	574,500	574,500	0	0		0	574,500
9153-02-00	Tioga County Soil and Water Conservation Dist	8/4/2012	920,000	920,000	0	0		0	920,000
9205-02-00	The Research Foundation of SUNY	10/25/2012	413,000	413,000	0	0		0	413,000
9218-02-00	Warren County	9/20/2012	738,000	7,779	0	0		65,707	7,779
9219-01-00	NYC Department of Parks & Recreation	11/14/2012	2,287,000	2,287,000	0	0		0	2,287,000
9224-01-00	Queensborough Community College	8/29/2012	1,000,000	1,000,000	0	0		0	1,000,000
9225-01-00	St. Johns Riverside Hospital	8/28/2012	990,000	990,000	0	0		0	990,000
9226-01-00	The Doane Stuart School	9/27/2012	1,298,000	1,298,000	0			0	1,298,000
9227-01-00	The Center for Technology & Innovation, Inc.	11/29/2012	116,500	116,500	0	0		0	116,500
9228-01-00	Syracuse University	10/26/2012	819,000	819,000	0			0	819,000
9228-02-00	Syracuse University	6/18/2013	1,350,000	1,350,000	0	0		0	1,350,000
9229-01-00	Finger Lakes Cultural & Natural History Museu	9/12/2012	381,000	381,000	0	0		0	381,000
	Total for all 48	Agreements	199,205,083	50,346,311	(0		1,355,657	32,600,371

FFY12 Base GPR & Additional Subsidization

Tracking Number	Recipient	Initial Loan Date	Total Assistance Amount	Grant Amount	Negative Interest Amount	Principal Forgiveness Amount	Recipient Could Afford Project without Subsidy?	Population Served	GPR Amount
5121-06-00	Greenport, Village of	9/5/2013	287,801	287,801	0	0		0	287,801
5154-08-00	Brookhaven, Town of	6/19/2013	1,750,480	1,750,480	0	0		0	1,750,480
5409-04-00	Rensselaer, City of	9/3/2013	850,500	850,500	0	0		0	850,500
5448-08-00	Cooperstown, Village of	12/3/2013	636,854	636,854	0	0		0	636,854
5458-10-00	Albany, City of	12/18/2013	1,795,500	1,795,500	0	0		0	1,795,500
5580-01-00	Lake George, Town of	7/24/2013	544,500	31,285	0	0		0	31,285
6320-26-00	Onondaga County	7/2/2014	12,844,208	0	0	0		467,026	6,700,000
7355-04-00	Yonkers, City of	10/2/2013	921,425	921,425	0	0		0	921,425
9230-01-00	New York City Department of Transportation	3/27/2014	1,200,000	1,200,000	0	0		0	1,200,000
9231-01-00	Vitaluna, LLC	6/4/2013	309,722	309,722	0	0		0	309,722
9232-01-00	Capital District Community Gardens	8/23/2013	196,347	196,347	0	0		0	196,347
9233-01-00	Jewish Home Lifecare, Sarah Neuman Center	7/8/2013	480,920	480,920	0	0		0	480,920
9234-01-00	Buffalo Neighborhood Stabilization CO. Inc	5/23/2013	644,268	644,268	0	0		0	644,268
9235-01-00	I-Square Development Inc.	6/4/2013	442,496	442,496	0	0		0	442,496
9236-01-00	Springville Center for the Arts, Inc.	5/23/2013	46,140	46,140	0	0		0	46,140
	Total for all 1	5 Agreements	22,951,161	9,593,738	0	0		467,026	16,293,738

XIV. Attachment C: Compass Report for EPA Grant # CS-36000113

Compass Document: GO CS36000113 Page 1 of 1

Document Review 06/11/14 Compass Document: GO CS36000113

General Ledger Entries

Document Summary: General Le
Doc Type: GO
Doc No: CS36000113
Vendor Code: 146013200A V
IGMS Grant No: 36000113-0
IGMS Budget Start Date: 10/01/2012
IGMS Budget End Date: 09/30/2019
IGMS Project Start Date: 10/01/2012
IGMS Project End Date: 09/30/2019
Order Date: 09/16/13
Closed Date: 03/13/14

Closed Date: 03/13/14 Servicing Finance Office: LVFC Order Amount: \$147,369,000.00 Net Paid Amount: \$147,369,000.00

Closed Amount: \$147,369,000.00 Available Amount: \$0.00 Vendor: ENVIRONMENTAL CONSERVATION, NEW YORK DEPARTMENT OF

Alternate Vendor: Description: Extended Description:

Document Details: Expand

Line	# Line Amt	Expended Amt	Closed Amt	Refunded Amt	Available Amt	BFY	Fund	Org	Program	Project	FOC	CostOrg	Comments	Extended Description
1	\$147,369,000.00	\$147,369,000.00	\$147,369,000.00	\$0.00	\$0.00	2013	E2	022	202B80	13CA	4111		RQ 1302HE0391	Amend0

Document Activity:

Date	Ref Amount	Related Document	Direction	Date	Ref Amount	Related Document	Date	Ref Amount	Related Document
03/12/2014	\$4,912,300.00	DT 14AS832036	Forward						
01/29/2014	\$99,000,000.00	DT 14AS823570	Forward						
01/29/2014	\$43,456,700.00	DT 14AS823571	Forward						
09/17/2013	\$147,369,000.00	RQ 1302HE0391	Back						